BYERS SCIENTIFIC

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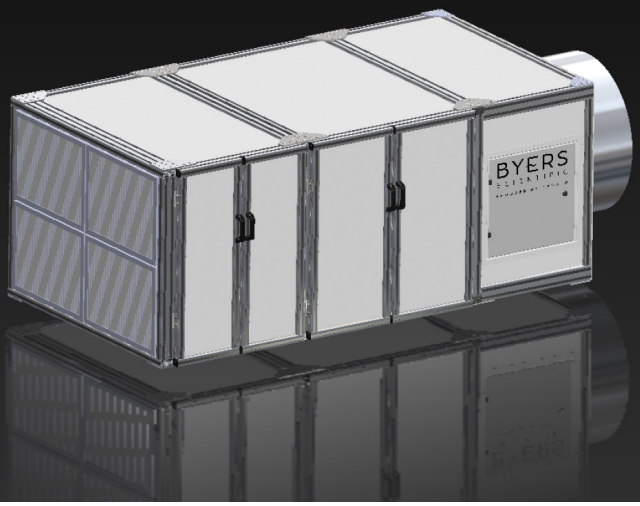

MT-6™ Molecular Filtration System

*Model shown with optional ASPRA® module

Molecular Filtration technology (aka Carbon Scrubbing) is one of the most environmentally friendly and sustainable ways to efficiently trap and sequester fugitive gases and their associated odors by harnessing the power of activated carbon. The Byers MT-6™ Molecular Filtration system is the refinement of activated carbon technology married with state-of-the-art pre-filtration to prolong the life of the carbon and effectively trap odorous gases.

KEY FEATURES

Frame constructed from durable extruded aluminum with Alumalite wall and door panels

Optional ASPRA® electrostatic precipitation and filtration stage for removal of fine dust, bacteria, viruses, spores, allergens and other bio-aerosols

Weight: ~825 lbs. fully loaded
1,200 lbs. fully loaded with ASPRA®

Dimensions: 39.0” H x 68.25” L x 52.5” W
39.0” H x 98.5” L x 52.5 W” with ASPRA® Stage

Installable in vertical or horizontal orientations

Pressure-switch armed access doors for safety

Standard Color: Silver Alumalite panels, white available by request

UL listed Electric control panel: all units are 480V 3-phase and draw approximately ~2.5 amps w/o ASPRA® and ~2.8 amps w/ASPRA® at 60 Hz

Fan: Ziehl-Abegg Cpro EC Blue; 6,000 CFM at 2.00 inH_2O

Decibel Reading @ max output: 55 dB at 5 feet

Carbon: Forty-eight 24” coconut shell carbon cylinders

Pre-filter: MERV 9 high efficiency filter with moisture resistant frame; optional multi-pocket high efficiency bag filter for high-dust applications

Bolt-on Cloud-based SCADA™ (IoT):
Innovative technology allows users to remotely monitor and control on-site equipment and systems.

Carbon cylinder testable for remaining-life to ASTM D5742 - Butane Activity of Activated Carbon